

**North Umpqua Hydropower Mitigation Fund  
Project Nomination Form**

Project Name: Culvert No. 6520 Road 4775-011 MP 1.23

Total Mitigation Funds Requested For this Fiscal Year: \$ 33,520

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Type of Project (mark one that applies):

Wetland/stillwater habitat ☐

Vegetation management ☐

Terrestrial species connectivity ☐

Riparian/aquatic species connectivity ☐

Erosion control ☒

Explanation of why this project is time critical:

Exhibit B of the Transportation Management Plan has this project scheduled for construction in 2015, after being pushed back twice from an original schedule of 2013. Funding in 2014 is necessary to ensure timely advance completion of survey, design and contract preparation. With a quick start, it is possible for the project to be included in the same contract as Culvert No.'s 6325 and 6535, which are already designed, with construction scheduled for 2014, and possibly realize a reduced cost compared to a separate contract. Culverts 6520 and 6535 are in close proximity on road 4775-011.

Description of hydropower project caused impacts that project is addressing (aquatic, terrestrial and natural resource related including wetland, aquatic & terrestrial connectivity, vegetation management, soil loss/erosion, etc.). Be specific how/what the project mitigates:

This stream crossing is rated as a high hazard for watershed and aquatic resources following inventory of culverts in the project area. The inventory was completed in accordance with the Settlement Agreement Section 15.6. Stream crossings such as this one on roads serving the project area have modified stream dynamics and pose risk for catastrophic failure from peak flood flows and/or culvert inlet plugging, especially with aging installations and culverts undersized relative to 100-year recurrence interval flows.

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Identify other funding (includes appropriated funds) or confirmed, external partnerships of project

Source	Value of contribution	Description of contribution
PacifiCorp	\$5,280	PacifiCorp 20% share of contract cost for Joint-Maintained Hydro Road.

Proposed project schedule and timeline, including projected date of accomplishment:

Complete design and contract preparation by May 9, 2014.

Award contract and complete construction by September 15, 2014.

Site monitoring during winter 2014-2015.

